

# MCT 10 Set-up Software

MCT 10 Set-up Software Projekt -- 779\_MAINDRIVE\_IE2\_VVC.ssp

Thursday, May 31, 2012

Group Folder: Projekt

Drive Name: 1; FC-302 3.00KW 380V-500V

	Connected Drive Information	Database Information
Drive Series:	FC-302	FC-302
Drive Type:	3.00KW 380V-500V	3.00KW 380V-500V
SW Version:	05.55	05.55
Option A	00.00 No Option	No Option
Option B	00.00 No Option	No Option
Option C0	00.00 No Option	No Option
Option C1	00.00 No Option	No Option
Drive Address:	1	
Driver Name:	USB 1	
Description		

## Parameter Group: All Parameters

ID	Name	Einstellung 1	Unit
001	Language	Deutsch	
002	Motor Speed Unit	Hz	
011	Edit Set-up	Set-up 1	
014	Readout: Edit Set-ups / Chanr	AAAAA1AAhex	
041	[Off] Key on LCP	Disabled	
120	Motor Power [kW]	2.20	kW
121	Motor Power [HP]	2.95	hp
124	Motor Current	5.10	A
125	Motor Nominal Speed	1400	RPM
130	Stator Resistance (Rs)	3.1932	Ohm
131	Rotor Resistance (Rr)	2.7987	Ohm
133	Stator Leakage Reactance (Xl)	3.0835	Ohm
134	Rotor Leakage Reactance (Xr)	3.0835	Ohm
135	Main Reactance (Xh)	75.0752	Ohm
136	Iron Loss Resistance (Rfe)	1,803.904	Ohm
153	Model Shift Frequency	16.7	Hz
168	Minimum Inertia	0.0024	kgm <sup>2</sup>
169	Maximum Inertia	0.0049	kgm <sup>2</sup>
190	Motor Thermal Protection	Thermistor trip	
193	Thermistor Resource	Digital input 32	
202	DC Braking Time	0.1	s
210	Brake Function	AC brake	
211	Brake Resistor (ohm)	136	Ohm
216	AC brake Max. Current	200.0	%
217	Over-voltage Control	Enabled	
301	Reference/Feedback Unit	Hz	
303	Maximum Reference	60.000	Hz
341	Ramp 1 Ramp up Time	1.00	s
342	Ramp 1 Ramp Down Time	1.00	s
416	Torque Limit Motor Mode	200.0	%
417	Torque Limit Generator Mode	200.0	%
418	Current Limit	200.0	%
454	Warning Reference Low	-999,999.999	
455	Warning Reference High	999,999.999	
456	Warning Feedback Low	-999,999.999	
457	Warning Feedback High	999,999.999	Hz
501	Terminal 27 Mode	Output	
502	Terminal 29 Mode	Output	
511	Terminal 19 Digital Input	Reset	
519	Terminal 37 Safe Stop	Safe Stop Warning	
530	Terminal 27 Digital Output	Drive ready	
531	Terminal 29 Digital Output	Ready,no thermal W	

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540.0	Function Relay	Safe stop active	
553	Term. 29 High Ref./Feedb. Va	50.000	Hz
558	Term. 33 High Ref./Feedb. Va	50.000	Hz
615	Terminal 53 High Ref./Feedb.	50.000	Hz
625	Terminal 54 High Ref./Feedb.	50.000	Hz